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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/668,620	09/23/2003	David J. Smith	18133-158	2187

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EXAMINER

MEUCCI, MICHAEL D

ART UNIT	PAPER NUMBER
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2142

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/07/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No. 10/668,620	Applicant(s) SMITH ET AL.	
	Examiner Michael D. Meucci	Art Unit 2142	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 September 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-31 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>12/13/05</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Objections

1. Claim 20 objected to because of the following informalities: "monitor" on line 3 of the claim should be replaced with --monitoring--. Appropriate correction is required.

Claim Rejections - 35 USC § 101

2. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

3. Claims 1-10 and 17-19 are rejected under 35 U.S.C. 101 because the disclosed invention is inoperative and therefore lacks utility. The entire system as claimed is non-functional because it consists merely of objects *configured* to perform functions of the system without ever making claim to performing these actual functions.
4. Claims 11-16 and 30-31 are rejected under 35 U.S.C. 101 because the disclosed invention is inoperative and therefore lacks utility. The claims merely recite a computer program product *residing* on a system which are capable of the claimed tasks, but never states that these tasks are performed.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent

granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-8, 10-16, and 20-31 rejected under 35 U.S.C. 102(e) as being anticipated by Thomas et al. (U.S. 2003/0061335 A1) hereinafter referred to as Thomas.

a. Regarding claim 1, Thomas teaches: a first I/O device configured to couple to the electric equipment (paragraph [0017] on page 2); a monitor coupled to the first I/O device and configured to determine information regarding the electric equipment (paragraphs [0017] and [0021] of page 2); a second I/O device configured to communicate with the communication network (paragraph [0019] on page 2); a memory that stored a computer-executable program configured to be executed by a computer to provide a computer interface for providing indicia of the information regarding the electric equipment, the computer interface being in a format that is distinct from a network browser format. (paragraphs [0022-0023] on pages 2-3); and an interface-provisioning device configured to convey the computer-executable program toward the computer via the second I/O device and the communication network (paragraph [0003] on page 1 and paragraph [0022-0023] on page 2-3.

b. Regarding claims 2-8, Thomas teaches: the program is configured to execute an interface application, the program comprises the interface application; the program is configured to obtain the interface application, the program is configured to determine whether a desired version of an interface application is stored by the computer and if not, then to obtain the interface application, the program is an ActiveX

control, the interface is a Windows-based interface, and the monitor and the interface-provisioning device comprise software code (paragraphs [0022-0023] on page 2-3).

c. Regarding claim 10, Thomas teaches: the monitor is configured to determine information regarding at least one of air-conditioning equipment, a smart generator, a leak detector, a power distribution unit, an environmental monitoring device, and an automatic transfer switch (paragraphs [0003-0008] on page 1).

d. Claims 11-16 contain similar limitations as those disclosed in claims 1-8 and are rejected under the same rationale.

e. Claims 20-25 and 27-29 contain similar limitations as those disclosed in claims 1-8 and are rejected under the same rationale.

f. Regarding claim 26, Thomas teaches: transferring an address of a network server accessible from the remote device to the remote device and accessing the network server from the remote device and transferring to the remote device at least one of the user-interface program and a loader program configured to determine whether a desired version of the user-interface program is stored in association with the remote device (paragraphs [0022-0023] on pages 2-3 and paragraph [0034] on page 4).

g. Claims 30-31 contain similar limitations as those disclosed in claims 1-8 and are rejected under the same rationale.

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 9 and 17-19 rejected under 35 U.S.C. 103(a) as being unpatentable over Thomas as applied above, in view of Potega (U.S. 6,459,175 B1).

a. Regarding claim 9, Thomas teaches a power supply (inherent in any computerized system) but does not explicitly teach AC power input, DC power source, an output circuit including a power output, and a switch coupled to the AC input, the DC source, and the output circuit, and configured to couple the AC input or DC source to the output circuit. However, Potega discloses: "Power supplies are traditionally device-specific, in that the output voltage of the power converter, whether it be an AC/DC or DC/DC adapter, must be voltage-matched to the host device it was designed to power," (lines 16-19 of column 1). It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have an AC power input, DC power source, an output circuit including a power output, and a switch coupled to the AC input, the DC source, and the output circuit, and configured to couple the AC input or DC source to the output circuit. "Output voltage of the power converter, whether it be an AC/DC or DC/DC adapter, must be voltage-matched to the host device it was designed to power," (lines 17-19 of column 1 in Potega). It is for this reason that one of ordinary skill in the art at the time of the applicant's invention would have been motivated to have an AC power input, DC power source, an output circuit including a power output, and a switch coupled to the AC input, the DC source, and the output circuit, and configured to couple the AC input or DC source to the output circuit in the system as taught by Thomas.

b. Claim 17 contains similar limitations as those disclosed in claim 9 and are rejected under the same rationale.

c. Regarding claims 18-19, Thomas teaches: the program comprises and ActiveX control and the interface is a Windows-based interface (paragraphs [0022-0023] on page 2-3).

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Hunter et al. (U.S. 6,363,422 B1) discloses monitoring and control intranet for facilities management system

Kuiawa et al. (U.S. 2003/0033550 A1) discloses UPS for monitoring system.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Meucci at (571) 272-3892. The examiner can normally be reached on Monday-Friday from 9:00 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell, can be reached at (571) 272-3868. The fax phone number for this Group is 571-273-8300.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [michael.meucci@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


BEATRIZ PRIETO
PRIMARY EXAMINER